



2018

**SANDY CITY STANDARD SPECIFICATIONS AND DETAILS
FOR
MUNICIPAL CONSTRUCTION**

SANDY CITY CORPORATION
STANDARD SPECIFICATIONS AND DETAILS
FOR MUNICIPAL CONSTRUCTION

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STANDARD SPECIFICATIONS

DIVISION 1 - GENERAL REQUIREMENTS

01035 Field Survey Referencing Procedures
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01050 Construction Surveying and Field Engineering
01515 Watering
01575 Detour Construction and Facilities
01620 Storage and Protection
01705 Contract Closeout Procedures
01720 Project Record Documents

DIVISION 2 - SITE WORK

02016 Protecting and Relocating Utilities
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02220 Excavation
02224 Casing Pipe
02230 Granular Materials, Flowable Fill, and Topsoil
02240 Backfill, Compaction, and Embankment
02260 Engineering Geotextile Fabrics
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02433 Non-pressure Pipe Installation

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- 02438 Structures to Finish Grade
- 02447 Monuments
- 02503 Bituminous Paving Course
- 02505 Bituminous Tack Coat
- 02510 Bituminous Slurry Seal Coat
- 02511 Asphalt Pavement Crack Sealing
- 02513 Bituminous Concrete Paving Materials
- 02575 "Permitted" Excavations and Restorations (Road Cuts)
- 02577 Pavement Marking - At Grade
- 02669 Water Supply Piping
- 02675 Disinfection of Water Distribution Systems
- 02700 Paint Removal

DIVISION 3 - CONCRETE

- 03000 Concrete Work
- 03050 Concrete Curb, Gutter, Sidewalk, and Drive Approaches
- 03100 Concrete Formwork
- 03200 Concrete Reinforcement
- 03250 Concrete Curing Compound and Joint Fillers
- 03300 Cast-In-Place Concrete
- 03350 Catch Basins and Inlets
- 03400 Storm Drain Manholes
- 03450 Structural Precast Concrete
- 03451 Precast Walls and Retaining Walls
- 03500 Portland Cement Concrete Paving
- 03510 Profilograph and Smoothness

DIVISION 4 - MASONRY

- 04000 Concrete Masonry

DIVISION 5 - MATERIAL TESTING

- 05000 Material Testing

DIVISION 7 - LANDSCAPING AND IRRIGATION

- 07100 Design Standards
- 07200 Grading for Landscapes
- 07300 Pressurized Irrigation Systems
- 07400 Seed, Turf Seed, and Turf Sod
- 07405 Native Seeding
- 07500 Trees, Shrubs, and Ground Covers
- 07600 Vegetation Establishment Period
- 07700 Tree Pruning
- 07800 Topsoil
- 07900 Protection of Trees, Lawns and Landscaping

DIVISION 16 - ELECTRICAL

- 16000 Electrical Provisions
- 16070 Electrical Connections for Equipment
- 16111 Conduit Raceways
- 16120 Low Voltage Wires and Cables
- 16121 Wire Connections and Devices
- 16122 Primary High Voltage Cable
- 16130 Pull and Junction Boxes
- 16132 15KV Pad Mounted Sectionalizing and Switch Gear Assemblies

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16170 Grounding and Bonding
16551 Exterior Area Lighting
16560 Street Lighting

APPENDIX A: Sandy City Standard Details.

PARKS AND RECREATION

MAIN CONNECTIONS

MC-01	Mainline Connection, 2 Inches or Less
MC-02	Mainline Connection Larger Than 2 1/2"
MC-03	Hydrometer

IRRIGATION VALVE

IV-01	Valve Assembly
IV-02	Valve Manifold
IV-03	Drip Irrigation Valve
IV-04	Quick Coupler Valve

IRRIGATION

IR-01	Typical Sleeving Detail
IR-02	Sleeving Diagram
IR-03	Landscape Trench Detail
IR-04	Pop-Up Spray Head
IR-05	Pop-Up Rotor Head
IR-06	PVC to Poly Pipe Connection
IR-07	Emitter Into Poly-Tube
IR-08	Pedestal with Controller
IR-09	Wall Mount Controller
IR-10	Wire Splice Detail
IR-11	Mini-Click Installation

LANDSCAPING

LA-01	Tree Planting and Staking
LA-02	Conifer Staking Detail
LA-03	Shrub Planting Detail
LA-04	Tree Protection in Native and Wetland Interface

TRAILS AND WALKWAYS

TR-01	Paved Multi-Purpose Trail
TR-02	Equestrian, Mountain, & Hiking Trail
TR-03	Pedestrian Walking/Hiking Trail
TR-04	Paved Multi-Purpose Trail, Soft Surface

PUBLIC UTILITIES

GENERAL WORK

- FG-01 Structures to Finish Grade
- PB-02 Pipe Bedding

CULINARY WATER

- WTR-01 Fire Hydrant Connection
- WTR-02 Washout
- WTR-03 Valve Box – Concrete Collar
- WTR-04 Steel Casing Water Loop
- WTR-05 Casing Carrier Pipe
- WTR-06 Water Main Loop Detail
- WTR-07 HDPE Water Line Loop
- WTR-08 Thrust Block Installations
- WTR-09 3/4-1" Water Service Line
- WTR-10 1 1/2-2" Water Meter and Meter Vault
- WTR-11 3" Water Meter Piping & Meter Vault
- WTR-12 4" or Larger Water Meter Piping and Vault
- WTR-13 Jack Stand Pipe Support
- WTR-14 Poly Sleeve Installation
- WTR-15 Dual Source System Utilizing Swing Joint
- WTR-16 Air & Vacuum Relief Valve
- WTR-17 Pressure Reducing Station

STREET LIGHTS

- SL-01 Residential Street Light
- SL-02 Residential Street Light Fixture
- SL-03 Residential Street Light Junction Box
- SL-04 Arterial Street Light
- SL-05 Arterial Street Light Fixture
- SL-06 Arterial Street Light Concrete Base
- SL-07 Arterial Street Light Base Connection
- SL-08 Arterial Street Light Junction Box
- SL-09 Street Light Point of Disconnect Diagram

STORM DRAIN

- SD-01 General Storm Water Notes
- SD-02 Single Curb Inlet Box
- SD-03 Double Curb Inlet Box
- SD-04 Combination Box
- SD-05 Junction Box
- SD-06 Pipe To Structure Collar

PUBLIC WORKS

TYPICAL STREET DESIGN

TS-01	Typical Street Cross Sections
TS-02	Typical Urban Street Cross Sections
TS-03	Standard Intersection Corner
TS-04	Intersection Sight Distance
TS-05	Hammerhead Turnaround & Cul-de-Sac
TS-06	Typical Local Bulb-out Detail
TS-07	Typical Minor Collector Bulb-out Detail

CURB AND GUTTERS

CG-01	Curb and Gutter
CG-02	Raised Median Details
CG-03	Standard Waterways

SIDEWALKS AND RAMPS

SW-01	Standard Access Ramp
SW-02	Standard Corner Access Ramp
SW-03	Concrete Sidewalk
SW-04	Meandering Sidewalk
SW-05	Patterned Concrete Bulb-Outs
SW-06	Parkstrip Details

DRIVEWAYS AND APPROACHES

DA-01	Flared Drive Approach (Residential)
DA-02	Flared Drive Approach Requiring Curb Cut (Residential)
DA-03	Radius Drive Approach (Commercial)
DA-04	Sidewalk Adjacent to Curb
DA-05	Sidewalk Adjacent to Curb

ROADWAY CONSTRUCTION

RC-01	Concrete Pavement Panel Replacement
RC-02	Restoration of Asphalt Concrete in Trenches

WALLS

WA-01	CMU Concrete Wall Detail
WA-02	Standard Landscape Wall Details

SIGNS

SN-01	Sign Base Installation
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MISCELLANEOUS INFORMATION

MS-01	New Concrete Inspection Replacement Criteria
MS-02	Concrete Filled Bollard Detail
	County Street Monument